

Title (en)
Microphone shield system

Title (de)
Schildsystem für Mikrofon

Title (fr)
Système de protection pour microphone

Publication
EP 1622416 A3 20080319 (EN)

Application
EP 05006167 A 20050321

Priority
US 90296104 A 20040730

Abstract (en)
[origin: US2005063560A1] A microphone shield system captures sound in adverse conditions. The system includes a microphone positioned within an enclosure. A membrane stretched across a portion of the enclosure passes signals within a selected frequency range. The membrane may block or attenuate signals above and/or below the frequency range to pass a desired sound with little surrounding interference.

IPC 8 full level
H04R 1/08 (2006.01)

CPC (source: EP KR US)
H04R 1/02 (2013.01 - KR); **H04R 1/083** (2013.01 - EP US); **H04R 1/086** (2013.01 - EP US); **H04R 1/2807** (2013.01 - EP US);
H04R 25/00 (2013.01 - KR); **H04R 2201/02** (2013.01 - KR); **H04R 2420/07** (2013.01 - EP US); **H04R 2499/11** (2013.01 - EP US)

Citation (search report)
• [PXL] US 6771788 B1 20040803 - SOUTAR IAN [CA], et al
• [L] US 2005063560 A1 20050324 - SOUTAR IAN [CA], et al
• [XY] GB 2234137 A 19910123 - MESSERSCHMITT BOELKOW BLOHM [DE]
• [X] US 4123622 A 19781031 - MACLEOD NORMAN C
• [X] WO 9720449 A1 19970605 - SOUND BALL [FR], et al
• [Y] US 2556168 A 19510612 - DONALD CRAGG WILLIAM, et al
• [Y] US 1901065 A 19330314 - SPOTTS RALPH K
• [XY] US 6018585 A 20000125 - AKINO HIROSHI [JP], et al
• [XY] US 6188773 B1 20010213 - MURATA TAKASHI [JP], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
US 2005063560 A1 20050324; US 7415122 B2 20080819; CA 2500428 A1 20060130; CN 1728885 A 20060201; EP 1622416 A2 20060201;
EP 1622416 A3 20080319; JP 2006050542 A 20060216; JP 4178149 B2 20081112; KR 100666200 B1 20070109; KR 20060044623 A 20060516;
US 2008226110 A1 20080918; US 7945063 B2 20110517

DOCDB simple family (application)
US 90296104 A 20040730; CA 2500428 A 20050311; CN 200510056958 A 20050324; EP 05006167 A 20050321; JP 2005090248 A 20050325;
KR 20050024064 A 20050323; US 12477308 A 20080521